

ATTACHMENT I - Abstract

Machine for the formation of a metal mesh obtained by attaching together a plurality of longitudinal metal wires to a plurality of transverse metal wires. The machine includes a first feed assembly to make the longitudinal wires advance step-wise, a second feed assembly to arrange one transverse wire at a time in a first preparation position, a positioning apparatus to arrange the transverse wire in a second attachment position, and a welding assembly to attach the transverse wires to the longitudinal wires. The positioning apparatus includes a loading assembly, provided with a gripping and transfer device, to locate the transverse wire in the second attachment position. The machine also includes a thrusting device to take the transverse wire from the first preparation position to a third intermediate pick-up position, near the second attachment position, wherein the transverse wire is picked up by the gripping and transfer device. The thrusting device includes a rotary element provided with blade able to thrust the transverse wire from the first preparation position to the third intermediate pick-up position.